

Problem Set 1

Drawing Pictures

1. Write an expression which displays a picture beside its top-to-bottom reflection.



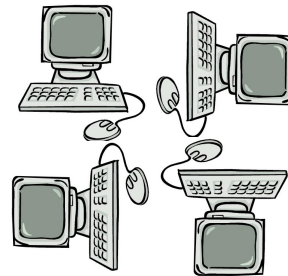
2. Write an expression which displays a picture beside its 180-degree rotation.




3. Write an expression which displays four copies of a picture arranged in a two-by-two square.


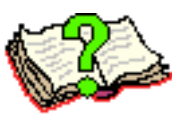


4. Write an expression which displays four copies of a picture in a two-by-two square, each rotated differently: the top-right one should be rotated 90 degrees clockwise, the bottom-left one 90 degrees counter-clockwise, and the bottom-right one 180 degrees.



5. Error Messages. For each expression given below, state the error message that is displayed and then interpret what the error message means. The pictures in the examples below can be replaced by any image you wish.

a. (above )

b. ( above )